

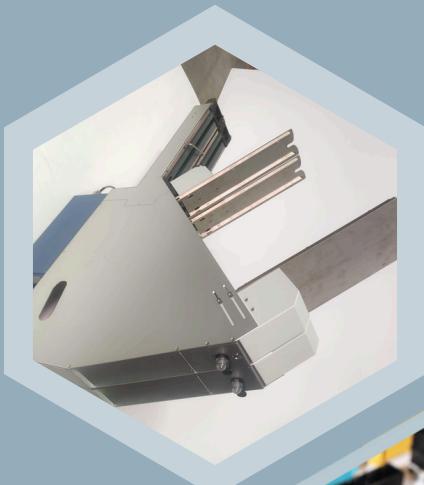


# cadence

## TF60 & TF80

# TUBE FEEDER

**TF : for components (connectors, relays, capacitor holders...) packaged in plastic sticks)**



### New : multitrack feeder

**Width :** 60 mm or 80 mm

**Length :** 1320 mm (810 outside table)

**Weight :** 24 kg

**Power supply :** 110/220 Vac - 50/60 Hz

**Air supply :** 5 / 7 bar

## GENERAL CONCEPT

- Reliable and stable for highest OEE
- Simple mechanical systems
- Close to zero maintenance and easy integration
- Removable from the change-over table

## DID YOU KNOW ?



What to do when your component is discontinued ?

**SEMO Feeders can be recycled**

We can reconfigure to new components, test, upgrade and provide the new full warranty: **a new life for your feeder and some savings for you**



# INTEGRATION FOR MULTIPLE MANUFACTURERS

- Possible integration with many pick-and-place machines
- SEMO feeders can communicate with pick-and-place machines or can function manually for tests and maintenance

## CHARACTERISTICS

- ▶ **Automatic startup with cycle time < 2s**
- ▶ **Lengths of sticks :** 500 mm to 600 mm maximum
- ▶ **Gravity system :** sticks tilted to 45°
- ▶ **Number of sticks depends on the sticks height :** storage stick height 250 mm
- ▶ **Sticks replenishment** without stopping production
- ▶ **Repeatability of positionning :** < 0.1mm
- ▶ **SEMO Tube Feeder** can be mounted on a changeover table every 60 or 80 mm
- ▶ **Optional communication** for optimal synchronization with pick and place machine
- ▶ **A mobile crutch supports the feeders weight** once mounted on a placement machine
- ▶ **Reconfigurable** if you need to convert your feeder to another component

## ACCESSORIES

### Trolley :

- ▶ To handle feeders
- ▶ Electrical/Pneumatic connections plate
- ▶ Storage box with four drawers
- ▶ Additional storage interface



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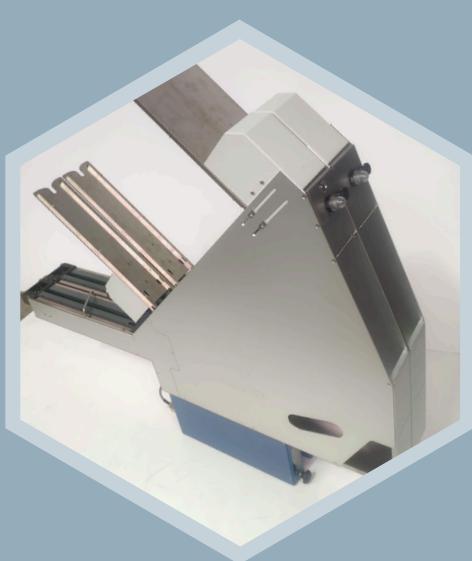


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## TF60 & TF80

# TUBE FEEDER

**TF60 and TF80 : for components  
(connectors, relays, capacitor holders...)  
packaged into plastic sticks**



**New = multi-track version**



## GENERAL CONCEPT

**Width :** 60 or 80 mm

**Length :** 1320 mm (810 out table)

**Weight :** 22 kg

**Power supply :** 110/240 Vac -  
50/60 Hz

**Air supply :** 5 / 7 bar

- ▶ Reliable and stable feeding of very narrow parts for the highest OEE
- ▶ Shortest stick feeder on the market
- ▶ Simple mechanical systems
- ▶ Close to zero maintenance and easy integration



### DID YOU KNOW ?

THIS FEEDER COMES WITH UNIQUE SMARTFEEDER FEATURES WITH  
BLUETOOTH COMMUNICATION (READ MORE OVER LEAF)



# INTEGRATION FOR MULTIPLE MANUFACTURERS

- Possible integration with many pick-and-place machines
- SEMO feeders can communicate with pick-and-place machines or can function manually for tests and maintenance.

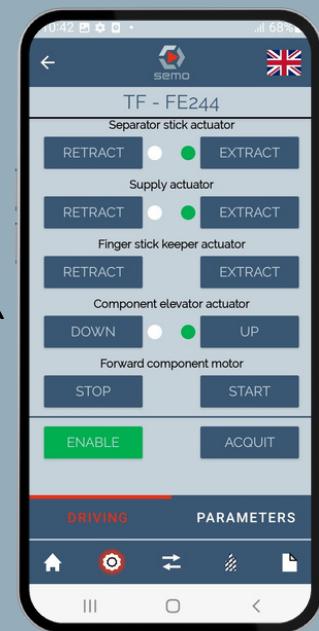
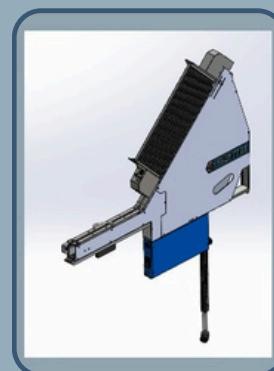
## CHARACTERISTICS

- ▶ **Automatic startup with cycle time < 2s**
- ▶ **Lengths of sticks :** 500 mm to 600 mm maximum
- ▶ **Number of sticks :** 4
- ▶ **Stick replenishment without stopping production**
- ▶ **Repeatability of positionning :** < 0.1 mm
- ▶ **SEMO tube Feeder can be mounted on a changeover**
- ▶ **Optional communication for optimal synchronization**  
with pick and place machine
- ▶ **A mobile crutch supports the feeders weight once**  
mounted on a placement machine
- ▶ **Reconfigurable** if you need to convert your feeder  
to another component
- ▶ **Easy maintenance**
- ▶ **Pilotage via smartphone**

## SMARTFEEDER

### Bluetooth communication with a mobile terminal =

- ▶ Settings at your fingertips
- ▶ Realtime access to documentation
- ▶ Easy and fast troubleshooting



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